

# Former Plainwell Impoundment Time-Critical Removal Action Weekly Construction Update

Progress Report #62—September 1, 2008

## Work Completed: August 21-August 27, 2008

- Completed the installation of the resuspension control system — including temporary steel sheeting — for the southern half of Mid-Channel Area A and Removal Area 13B.
- Began removal of soil and sediment from Mid-Channel Area A and Removal Area 13B.
- Began site preparation activities to facilitate removal of sediment behind the Phase 2 Cofferdam.
- Completed removal of soil and sediment from Removal Areas 11A and 12A.
- Continued removal of floodplain soil from Removal Area 11A, 12A, and 13A.
- Continued soil/sediment solidification activities at Staging Areas 4N.
- Continued loading and transporting solidified soil/sediment material from Staging Area 4N to Allied Waste C&C Landfill and Ottawa County Farms Landfill.
- Continued loading and transporting solidified soil/sediment TSCA material from Removal Area 12A to EQ Wayne County Disposal Facility.
- Continued operation of the WCS.

Estimated Weekly Volume Hauled to TSCA and Non-TSCA Landfill Facilities				
Date	Estimated Quantity TSCA-material (cubic yards)	Number of Truck Loads TSCA-material	Estimated Quantity Non-TSCA material (cubic yards)	Number of Truck Loads Non-TSCA material
Weekly Total	1,365	39	1,995	57
2008 Total	10,605	303	43,610	1,246
Project Total to Date	13,615	389	77,525	2,215

Note: All values are unofficial, estimated quantities, subject to revision/verification.

US EPA RECORDS CENTER REGION 5

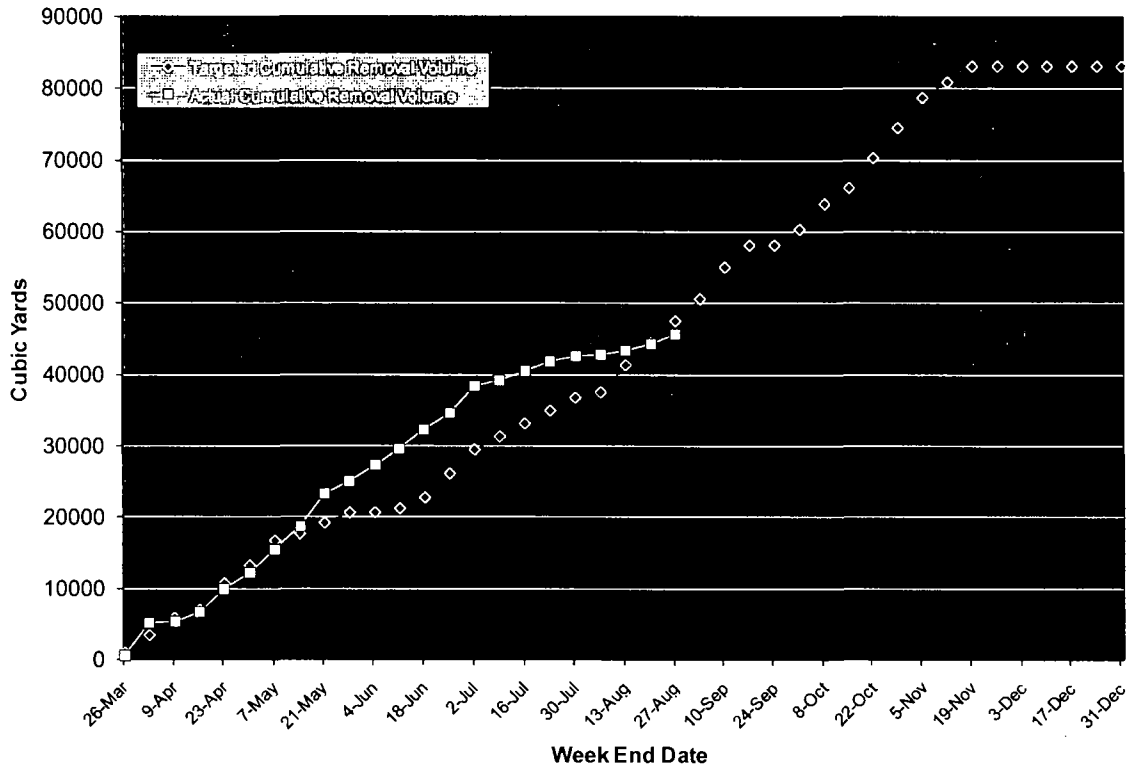


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***Work Planned: August 28-September 3, 2008***

- Continue removal of soil and sediment from Mid-Channel Area A and Removal Area 13B.
- Continue site preparation activities to facilitate removal of material behind the Phase 2 Cofferdam.
- Complete the removal of floodplain soil from Removal Area 11A.
- Continue removal of floodplain soil from Removal Areas 12A and 13A.
- Continue soil/sediment solidification activities at Staging Areas 4N and 5S.
- Continue loading and transporting solidified soil/sediment material from Staging Area 4N to Allied Waste's C&C Landfill and Ottawa County Farms Landfill.
- Continue loading and transporting solidified soil/sediment TSCA material from Removal Area 12A to EQ Wayne County Disposal Facility.
- Begin the removal of the resuspension control system in Removal Area 11A.
- Site activities will be limited on 8/29 and suspended 8/30 through 9/1 in observance of the Labor Day holiday.
- Continue operation of the WCS.

## Removal Progress

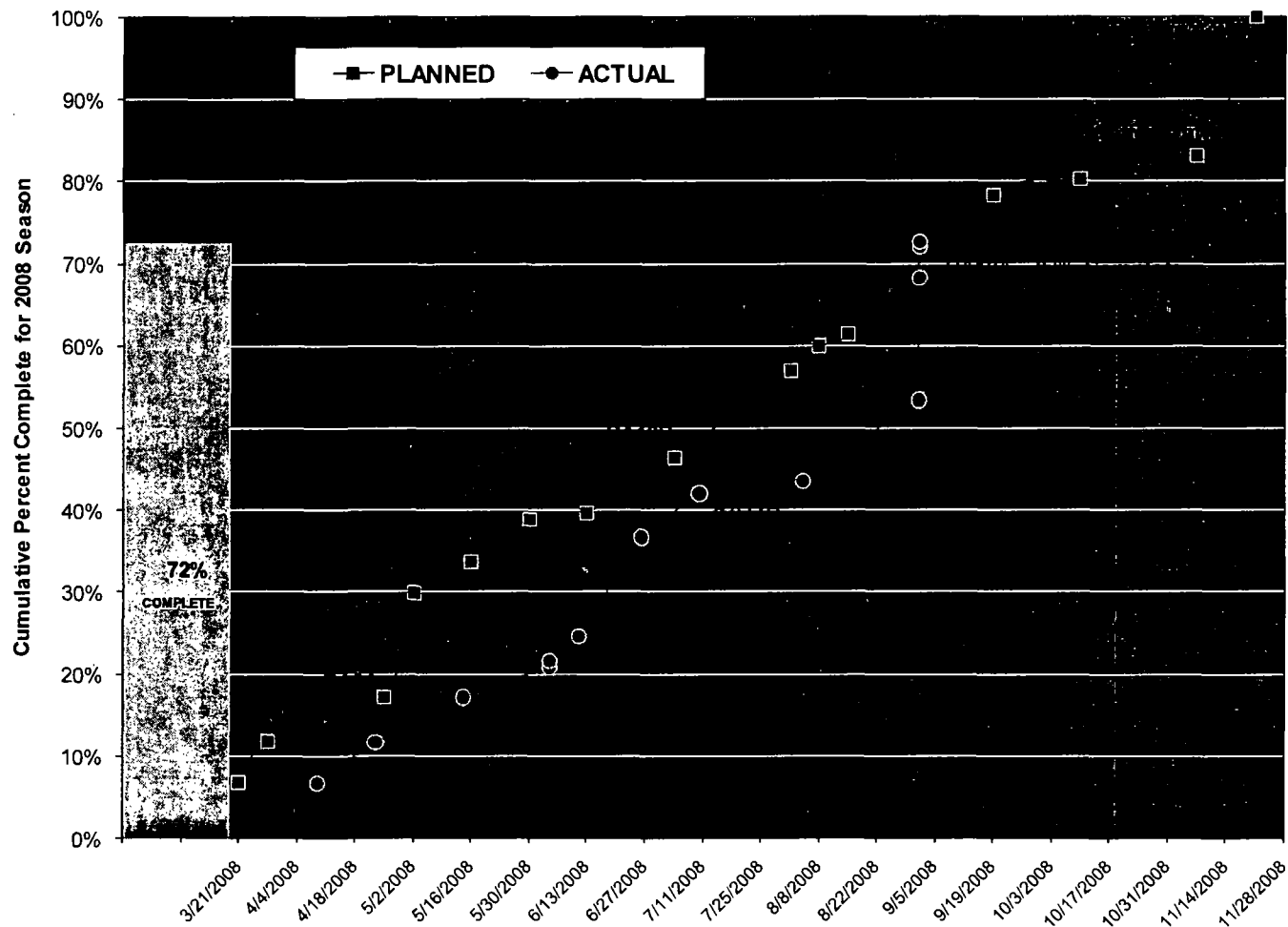


### Notes:

Targeted volumes are neat and subject to change due to additional excavation done at request of USEPA.

Actual volumes removed below the targeted volumes potentially due to the conservative estimation methodology used to develop targeted figures and due to the actual topographic conditions encountered at the site, which could result in smaller volumes needing to be removed than originally estimated. The targeted volumes have been increased by 10% to account for additional material that could be removed as a result of over-excavation and additional removal in response to confirmation sampling. Soil/sediment removal activities are on schedule based on the ARCADIS BBL ES 4/30/07 Plainwell TCRA Construction Schedule.

**Removal Progress**



**Notes:**

For Areas where removal is less than 100% complete, the data point shown is an estimate based on area and volume considerations.

'Complete' is defined as removal of all targeted materials as detailed in the Plainwell TCRA Design Report.

Kalamazoo River Study Group  
Allied Paper, Inc./Portage Creek/Kalamazoo River Superfund Site

***Health & Safety Update***

- 5 Loss Prevention Observations (LPOs) were completed during this period.  
A total of 210 LPOs have been completed for the project to date.

***Weather Summary***

- Site activities were suspended for the day on 8/21 at 0930 due to lightning and thunderstorm activity.

***Environmental Monitoring and Construction Quality Assurance Testing***

**Resuspension/Turbidity Monitoring:**

Testing Performed this Week? No ☐ Yes ☒  
Exceedances? N/A ☐ No ☒ Yes ☐ If yes, explain:

**Dewatering System Discharge Monitoring:**

Discharge Flow: 0 gallons (Staging Area 4N) and 0 gallons (Staging Area 5S)

Testing Performed this Week? No ☒ Yes ☐  
Exceedances? N/A ☒ No ☐ Yes ☐ If yes, explain:

**Excavation Verification Sampling:**

Testing Performed this Week? No ☐ Yes ☒ Removal Areas 12A and 11A.  
Cleanup Standard Achieved? N/A ☐ Yes ☒ No ☐ If no, explain: One floodplain grid failed to meet the cleanup standard after initial excavation in Removal Area 12A. Additional excavation was performed, the grid was re-sampled, and the cleanup standard was achieved.

***Issues Encountered/Solutions Advanced***

- None.

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**Equipment on Site**

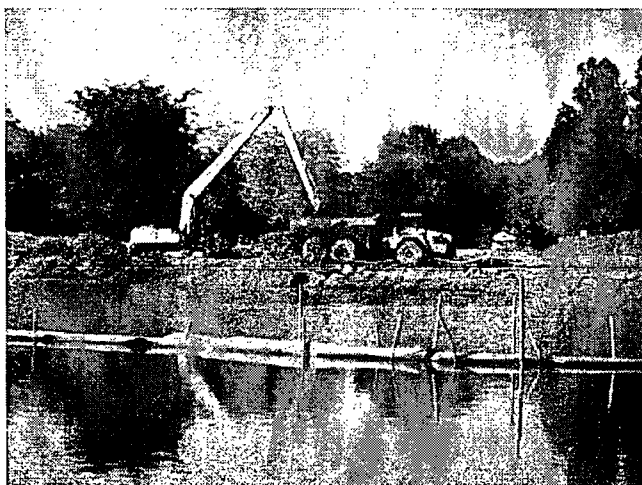
Equipment	8/21/08	8/22/08	8/23/08	8/24/08	8/25/08	8/26/08	8/27/08
Komatsu PC-300 Excavator	4	4	4	4	4	4	4
Komatsu PC-300 HD Long Reach	2	2	2	2	2	2	2
Komatsu PC-200 Excavator	1	1	1	1	1	1	1
John Deere JD-50 Mini-Excavator	1	1	1	1	1	1	1
John Deere JD-450 Dozer	1	1	1	1	1	1	1
John Deere JD-700 Dozer	-	-	-	-	-	-	-
Komatsu D37 Dozer	1	1	1	1	1	1	1
Komatsu D61 Dozer	1	1	1	1	1	1	1
Komatsu D65 Dozer	-	-	-	-	-	-	-
Volvo P-180 Loader	1	1	1	1	1	1	1
Komatsu 380 loader	1	1	1	1	1	1	1
CAT 328 Loader (King)	1	1	1	1	1	1	1
FAVCO 40-ton Crane	1	1	1	1	1	1	1
40' Self Propelled Work Barge	1	1	1	1	1	1	1
American 80-ton Crane (King)	1	1	1	1	1	-	-
2,000 Gallon Water Truck	1	1	1	1	1	1	1
Smooth Drum Roller	1	1	1	1	1	1	1
John Deere Skidsteer	1	1	1	1	1	1	1
Vermeer Chipper	-	-	-	-	-	-	-
Komatsu 400 Articulating Dump Truck	2	2	2	2	2	2	2

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***Personnel, Regulatory Staff, and Visitors on Site***

Individual/Affiliation	8/21/08	8/22/08	8/23/08	8/24/08	8/25/08	8/26/08	8/27/08
Terra Contracting Staff	20	20	8		20	20	20
Jim Saric/USEPA							
Michael Berkoff/USEPA							
Don de Blasio/USEPA							
Mike Ribordy/USEPA OSC							
Tom Crosetto/USEPA OSC							
Paul Bucholtz/MDEQ							
Polly Synk/MDEQ							
Judith Gapp/MDEQ							
Todd Goeks/NOAA							
John Lerg/MDNR							
Sharon Hanshue/MDNR	X						
Chris Frieburger/MDNR	X						
Weston Contractors	X	X			X	X	X
CDM Contractors	X	X			X	X	X
Chase Fortenberry/KRSG							
Mark Brown/KRSG							
Paul Monteny/KRSG							
Eric Schmidt/KRSG							
Suda Arakere/KRSG							
Steve Garbaciak/ARCADIS							
Mike Donegan/ARCADIS							
Scott Harcus/ARCADIS	X	X	X		X	X	X
Eric Hritsuk/ARCADIS						X	X
Matt Bowman/ARCADIS							
EJ Suardini/ARCADIS	X	X			X	X	X
Mike Kohagen/ARCADIS	X	X	X		X	X	X
Michelle Rumler/ARCADIS	X	X			X	X	X
Joe Willoughby/ARCADIS		X	X		X	X	X
Ben Lawrence/ARCADIS	X	X			X	X	X
Dave Patterson/ARCADIS					X	X	X
ARCADIS H&S Audit Team							
Nick Hamer/ARCADIS	X	X	X			X	X
<i>Other Subcontractors (Specify)</i>							
King Co.							
JF New							

*Photos from August 21-August 27, 2008*



Excavating soil and sediment  
in Removal Area 12A.



Excavating soil and sediment  
in Mid-Channel Area A.

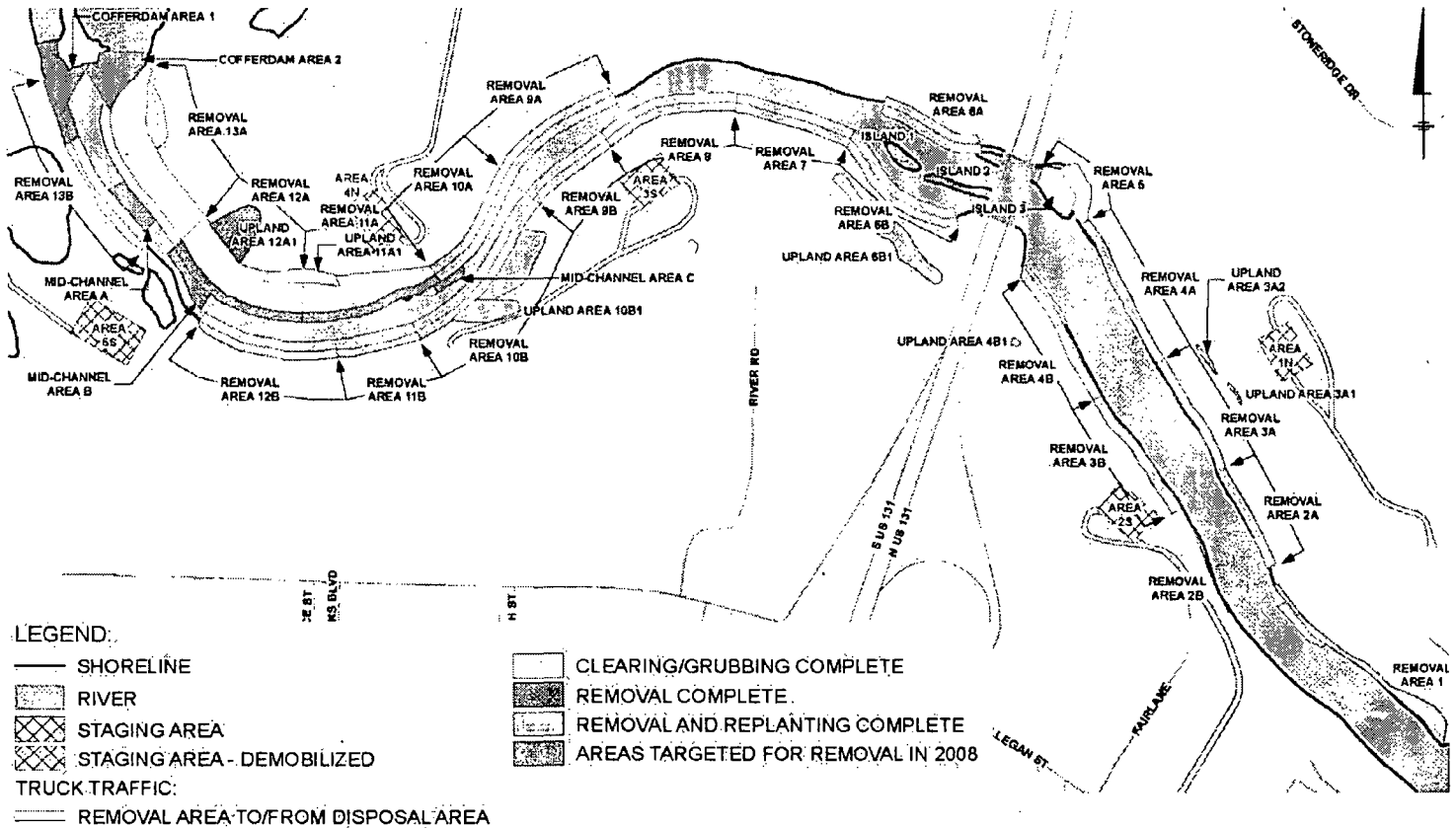


Loading excavated soil/sediment for  
transportation to offsite landfill.



Sampling activities in Removal Area 12A.

Targeted Removal Areas – Former Plainwell Impoundment

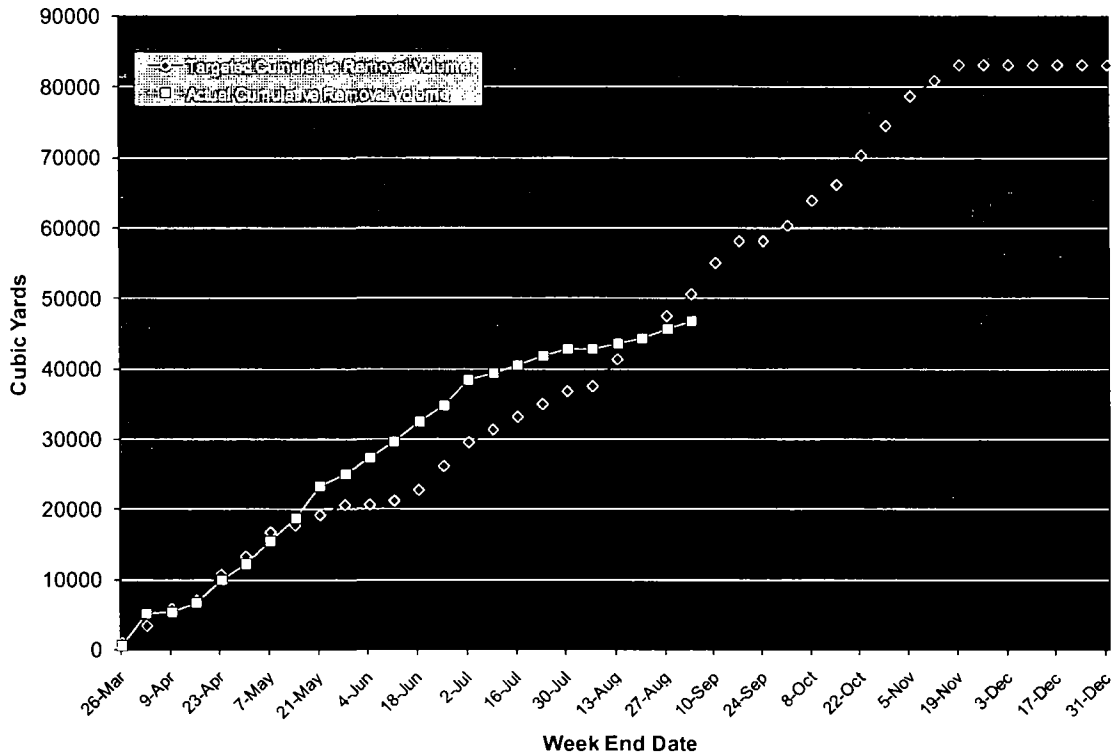


Notes:

Additional planting in 'Removal and Replanting Complete' areas may be necessary in 2008.

All dimensions and features represented on this map are approximate. Actual locations of access roads and staging areas and final boundaries of removal areas will be determined at the time of construction.

## Removal Progress



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**Removal Progress**

